

METHODS AND APPARATUS FOR COUNTING AND POSITIONING USING RESONANT TAGS

ABSTRACT

Methods and apparatus for counting or measuring the relative positions of a number of resonant tag elements in proximity to each other. By measuring the resonant frequency of a given set of tags using a reader antenna and comparing the measured frequency to a reference resonant frequency, the observed frequency shift is used to ascertain certain properties of the set of tags, such as the number of tags present or the relative positions thereof.

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